

## News release

### **DRAFT – NOT FOR IMMEDIATE RELEASE**

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### **Raytheon's Command, Control, and Communications Segment achieves significant performance milestone on the NPOESS program**

**AURORA, Colo., (June xx, 2004)**—Raytheon Company has successfully captured WindSat Coriolis data making the Command, Control, and Communications' multi-mission network capability one of the first National Polar-orbiting Operational Environmental Satellite System (NPOESS) segments to go operational.

The multi-mission capability incorporates a new fiber optic network from Svalbard to Tromso, on the mainland of Norway, to the continental United States. The network sends data to the Coriolis Data Distribution site in Suitland, Md., and the data are used to determine global sea surface wind speed and direction as well as to monitor solar mass ejections from the sun.

The network provides the NPOESS program with high-speed data transfer, 155 Mbps connectivity, from the Svalbard, Norway, ground station previously available only through slower, more expensive satellite links, reducing costs for existing programs and providing additional capacity for future missions including the NPOESS Preparatory Project. The ground station is so far north that it can see polar-orbiting satellites on every orbit. This enables it to capture blind orbits not visible from the primary station at Fairbanks, Alaska.

"For the mission to start taking operational passes within 45 days of the authorization period is exceptional," said Mike Mader, director of the NPOESS program for Raytheon. "Our team worked closely with the customer to ensure delivery in a reliable and timely manner."

The next step for the Command, Control, and Communications Segment is to integrate NASA missions at Svalbard and provide them with the same high-speed terrestrial data transfer capability used for Coriolis, then to transition operations to a new antenna in the fall.

Raytheon is part of the Northrop Grumman Space Technology NPOESS team. Northrop Grumman Space Technology leads the team as the prime contractor and has overall responsibility for the program development effort.

Raytheon Company (NYSE:RTN), with 2003 sales of \$18.1 billion, is an industry leader in defense and government electronics, space, information technology, technical services, and business and special mission aircraft. With headquarters in Waltham, Mass., Raytheon employs 78,000 people worldwide.

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